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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/735,093

Applicant(s)

BOYER ET AL.

Examiner

FARZANA E. HOSSAIN

Art Unit

2424

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02/02/2009 & 04/02/2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 81, 106-130, 156, 181 and 182 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 81, 106-130, 156, 181 and 182 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 02/02/2009 & 04/02/2009 has been entered.

Response to Amendment

2. This office action is in response to communications filed 02/02/2009 and supplemental amendment filed 04/02/2009. Claims 1-80, 82-105, 131-155 and 157-180 are cancelled. Claims 81, 106-130 and 156 are amended. Claims 181 and 182 are new.

Response to Arguments

3. Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

Regarding Claims 81, 106, 181 and 182, the applicant argues Schein and Venkatraman do not disclose receiving an email address and providing a customized display of program listings over the Internet to the user associated with the email address (Pages 10-11). The applicant states that the Examiner contends that Schein does not disclose receiving an email address provided by a user via web page (Page 11). The applicant argues that Venkatraman can be used to modify Schein to show all the features of the invention (page 11). The applicant argues that Venkatraman 's disclosure of a notifier sending messages to customize information provided to the user.

In response to the argument, the limitations disclose receiving an e-mail address provided by the user via a registration web page generated by the web server. Schein discloses associating an email address with the user (Column 23, lines 19-23). It is necessarily included that the web server/provider acquires an email address of the user as user has email inbox and can send and receive emails (Column 23, lines 19-23) and the web server can send emails to the user regarding services (Figure 19C). Venkatraman teaches receiving an e-mail address provided by a user via a registration web page generated by a web server to customize the information provided to the user (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45). The word customize can be interpreted as made to order or make specifically for the user therefore, if the events are registered by the user then the web server customizes information provided to the user.

Schein discloses providing a user associated with the email address an opportunity to receive a customized web page (Column 18, lines 44-60) of selectable

television program listings over the Internet (Column 18, lines 51-62, Column 16, lines 42-55, Figures 16-20). See new rejections.

Claim Objections

4. Claim 106 is objected to because of the following informalities:

Claim 106 on Page 3, line 4 recites "web page-generated". The Office assumes -
-web page generated--.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 81, 105-109, 113-130 and 156 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schein et al (US 6,002,394 and hereafter referred to as "Schein") in view of Venkatraman et al (US 6,139,177 and hereafter referred to as "Venkatraman") and Rowe et al (US 6,008,803 and hereafter referred to as "Rowe").

Regarding Claim 81, Schein discloses a method for configuring a web server to provide customized television program guide services to a user of the Internet in the

form of multiple web pages of television program listings and program information (Column 18, lines 44-67), the method comprising:

associating an email address with the user (Column 23, lines 19-23). It is necessarily included that the web server/provider acquires an email address of the user as user has email inbox and can send and receive emails (Column 23, lines 19-23) and the web server can send emails to the user regarding services (Figure 19C).

Schein discloses providing a user associated with the email address an opportunity to receive a customized web page (Column 18, lines 44-60) of selectable television program listings over the Internet (Column 18, lines 51-62, Column 16, lines 42-55, Figures 16-20);

having television program listings and television program information (Column 18, lines 7-27);

generating the customized web page of selectable television program listings with the web server by having television schedule guide accessed by the World Wide Web (Figures 16-20; Column 2, lines 40-44; Column 18, lines 44-67);

providing the user with an opportunity to access the customized web page of selectable television program listings over the Internet (Column 18, lines 44-67) and to select a television program listing from the web page of selectable television program listings using a multimedia system including the user can scroll through and select items within the grid (Figures 16-20; Column 18, lines 44-67; Column 21, lines 19) and

providing a program information web page for the selected television program listing over the Internet in response to the user selecting the television program listing or

the guide may include other information about programs that may be provided on a website (Column 18, lines 44-67).

Schein, however, fails to specifically teach receiving an e-mail address provided by the user via a registration web page generated by the web server and receiving television program listings and television program information provided by a computer system.

In analogous art, Venkatraman teaches receiving an e-mail address provided by a user via a registration web page generated by a web server to customize the information provided to the user (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45) and providing to the user associated with the email address an opportunity to receive a customized web page of television program listings over the Internet (Column 10, lines 40-50).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schein to include receiving an e-mail address provided by a user of the program information web page via a registration web page generated by a web server (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45) as taught by Venkatraman, in order to receive messages specifying predetermined events associated with the user device (Column 3, lines 54-64; Column 4, lines 52-61) as disclosed by Venkatraman so that a user can be notified of any programming or services that they requested.

In analogous art, Rowe discloses receiving television program listings and television program information provided by a computer system (Figure 1, 22, Column 6,

lines 1-10). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination to include receiving television program listings and television program information provided by a computer system (Figure 1, 22, Column 6, lines 1-10) as taught by Rowe, in order to update or revise program information stored on the memory device (Column 6, lines 1-3) as disclosed by Rowe so that a user can receive all current EPG listings.

Furthermore, in *KSR International Co. v. Teleflex Inc.*, 127 S.Ct 1727, No. 04-1350, slip. op. at 12 (2007), the Court found that if all the claimed elements are known in the prior art then one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yield predictable results to one of ordinary skill in the art at the time of the invention.

Regarding Claim 106, Schein discloses a web server to provide customized television program guide services to a user of the Internet in the form of multiple web pages of television program listings and program information to a user's multimedia system (Column 18, lines 44-67, Figure 14, 350), the server comprising:

An email address associated with the user to send the user emails about services (Figure 19C, Column 23, lines 19-23). It is necessarily included that the web server/provider acquires an email address of the user as user has email inbox and can send and receive emails (Column 23, lines 19-23).

Schein discloses processing television program listings (Column 18, lines 30-33, 44-46).

Schein discloses that the server processes preferable listings and provides a user with customized local line up and personalized listings (Column 18, lines 44-67, Figure 14, 350). Schein disclose servers may be configured with HTTP server software to permit system to function as Internet software (Column 18, lines 36-40).

Therefore, it is necessarily included that the server which processes information to serve requested files to the client (Column 18, lines 44-54) includes a processor.

Schein discloses a processor configured to provide a user associated with the email address an opportunity to receive a customized web page (Column 18, lines 44-60) of selectable television program listings over the Internet (Column 18, lines 51-62, Column 16, lines 42-55, Figures 16-20);

The processor to configured to generate the customized web page of selectable television program listings with the web server by having television schedule guide accessed by the World Wide Web (Figures 16-20; Column 2, lines 40-44; Column 18, lines 44-67);

the processor configured to provide the user with an opportunity to access the customized web page of selectable television program listings over the Internet (Column 18, lines 44-67) and to select a television program listing from the web page of selectable television program listings using a multimedia system including the user can scroll through and select items within the grid (Figures 16-20; Column 18, lines 44-67; Column 21, lines 19) and

the processor configured to provide a program information web page for the selected television program listing over the Internet in response to the user selecting the television program listing or the guide may include other information about programs that may be provided on a website (Column 18, lines 44-67).

Schein, however, fails to specifically teach receiving an e-mail address provided by the user via a registration web page generated by the web server and receiving television program listings and television program information provided by a computer system.

In analogous art, Venkatraman teaches the web server (Figure 2, 50) performs event handling tasks (Column 4, lines 52-62).

It is necessarily included that the server which processes information to serve requested files to the client includes an input module for receiving tasks to perform HTTP commands (Column 9, lines 35-40).

Venkatraman teaches the input module receiving an e-mail address provided by a user via a registration web page generated by the web server to customize the information provided to the user (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45) and providing to the user associated with the email address an opportunity to receive a web page of television program listings over the Internet (Column 10, lines 40-50).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schein to include input module receiving an e-mail address provided by a user via a registration web page generated by the web

server to customize the information provided to the user (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45) as taught by Venkatraman, in order to receive messages specifying predetermined events associated with the user device (Column 3, lines 54-64; Column 4, lines 52-61) as disclosed by Venkatraman so that a user can be notified of any programming or services that they requested.

In analogous art, Rowe discloses the web server (Column 6, lines 1-10, Figure 1, server) comprising input module receiving television program listings and television program information (Column 6, lines 1-10) provided by a computer system or the TV listings provider server and workstation (Figure 1, 22, 24).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination to include the web server (Column 6, lines 1-10, Figure 1, server) comprising input module receiving television program listings and television program information (Column 6, lines 1-10) provided by a computer system or the TV listings provider server and workstation (Figure 1, 22, 24) as taught by Rowe, in order to update or revise program information stored on the memory device (Column 6, lines 1-3) as disclosed by Rowe so that a user can receive all current EPG listings.

Furthermore, in *KSR*, the Court found that if all the claimed elements are known in the prior art then one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yield predictable results to one of ordinary skill in the art at the time of the

invention. No. 04-1350, slip. op. at 12.

Regarding Claim 107, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide the user with an opportunity to select a go national option for including national television program listings in the web page of selectable television program listings (Column 19, lines 11-15).

Regarding Claim 108, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide the user with an opportunity to select a go local option for including local television program listings in the web page of selectable television program listings (Column 18, lines 52-54; Column 19, lines 1-18).

Regarding Claim 109, Schein, Venkatraman and Rowe disclose all the limitations of Claim 108. Schein discloses providing the user with an opportunity to select a locality for the local television listings (Column 19, lines 1-11).

Regarding Claim 113, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses wherein the web pages generated by the web server include selectable advertisements (Figure 16; Column 20, lines 29-35, 44-54; Column 22, lines 10-18).

Regarding Claim 114, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a web page having a selectable record option for allowing users to record a television program

selected from the web page of television program listings (Column 24, lines 25-30; Column 13, lines 8-11).

Regarding Claim 115, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a program guide option; and providing a program guide menu web page (Column 18, lines 45-57) in response to the user selecting the program guide option (Figure 16A-program guide mode; Column 22, lines 41-58; program guide 502 appears upon a user clicking a remote control device).

Regarding Claim 116, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a movie guide option (Column 19, lines 25-30); and providing a movie guide menu web page in response to the user selecting the movie guide option (Column 18, lines 45-5, Column 19, lines 25-30).

Regarding Claim 117, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a guide television channel option (Figure 16A, Figure 16B); and tuning to a guide television channel in response to the user selecting the guide option (Column 22, lines 41-58—program guide 502 appears upon a user clicking a remote control device).

Regarding Claim 118, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a direct tune option when a selected program is currently being broadcast (Column 13, lines 8-12; Column 17, lines 23-34; Column 24, lines 25-30); and tuning to the television channel

for the selected program in response to the user selecting the direct tune option (Column 13, lines 8-12; Column 17, lines 23-34; Column 24, lines 25-30).

Regarding Claim 119, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a selectable option to arrange the television program listings by time (Figure 16B—programs are listed in descending order by time; Column 18, lines 54-56—search and sort features; Column 24, lines 61-3—arranged chronologically).

Regarding Claim 120, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a selectable option to arrange the television program listings by channel (Figure 16A, Figure 16B — programs are listed in descending order by channel; Column 18, lines 54-56—search and sort features).

Regarding Claim 121, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a selectable option to arrange the television program listings by category (Column 18, lines 54-56—search and sort features; Column 24, lines 61-63—arranged by subject matter).

Regarding Claim 122, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide the user with an opportunity to search for television program listings using user-defined criteria (Column 11, lines 12-46; Column 14, lines 53-67, Column 15, lines 1-5; Column 19, lines 19-40).

Regarding Claim 123, Schein, Venkatraman and Rowe disclose all the limitations of Claim 122. Schein discloses the processor is configured to provide the user with an

opportunity to search for television program listings by title (Column 19, lines 19-40—search engine allows a user to search by title).

Regarding Claim 124, Schein, Venkatraman and Rowe disclose all the limitations of Claim 122. Schein discloses the processor is configured to provide the user with an opportunity to search for television program listings by actor (Column 19, lines 19-40—search engine allows a user to search by actor/actresses).

Regarding Claim 125, Schein, Venkatraman and Rowe disclose all the limitations of Claim 122. Schein discloses the processor is configured to provide the user with an opportunity to search for television program listings by category (Schein: Column 19, lines 19-40—search engine allows a user to search by category).

Regarding Claim 126, Schein, Venkatraman and Rowe disclose all the limitations of Claim 122. Schein discloses the processor is configured to provide the user with an opportunity to search for television program listings by description (Schein: Column 19, lines 19-40—search engine allows a user to search by description).

Regarding Claim 127, Schein, Venkatraman and Rowe disclose all the limitations of Claim 122. Schein discloses the processor is configured to provide the user with an opportunity to search for television program listings by rating (Column 18, lines 58-61; Column 19, lines 19-40—search engine allows a user to search by star rating).

Regarding Claim 128, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a selectable option for accessing a multimedia clip (Column 19, lines 41-51—video with descriptive information).

Regarding Claim 129, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide a hot picks web page having selectable hot picks images for promotional media clips that are available (Column 19, lines 41-51).

Regarding Claim 130, Schein, Venkatraman and Rowe disclose all the limitations of Claim 106. Schein discloses the processor is configured to provide the user with an opportunity to customize the web pages provided by the web server (Column 15, lines 58-61; Column 16, lines 5-14; Column 19, lines 32-35).

Regarding Claim 156, Schein discloses a computer program product or software including instructions embodied on hardware or server on the network (Figure 14, 350 Column 18, lines 7-44) for providing a customized display of a television program guide service to a user of the Internet in the form of multiple web pages (Figure 14, 350 Column 18, lines 44-68).

Schein disclose servers may be configured with HTTP server software to permit system to function as Internet software.

Therefore, it is necessarily included that the server which processes information to serve requested files to the client (Column 18, lines 44-54) includes a processor. Therefore, the instructions which when executed by a processor cause the processor to perform the steps (Figure 14, 350 Column 18, lines 7-44) comprising:

associating an email address with the user (Column 23, lines 19-23). It is necessarily included that the web server/provider acquires an email address of the user

as user has email inbox and can send and receive emails (Column 23, lines 19-23) and the web server can send emails to the user regarding services (Figure 19C).

Schein discloses providing a user associated with the email address an opportunity to receive a customized web page (Column 18, lines 44-60) of selectable television program listings over the Internet (Column 18, lines 51-62, Column 16, lines 42-55, Figures 16-20);

having television program listings and television program information (Column 18, lines 7-27);

generating the customized web page of selectable television program listings with the web server by having television schedule guide accessed by the World Wide Web (Figures 16-20; Column 2, lines 40-44; Column 18, lines 44-67);

providing the user with an opportunity to access the customized web page of selectable television program listings over the Internet (Column 18, lines 44-67) and to select a television program listing from the web page of selectable television program listings using a multimedia system including the user can scroll through and select items within the grid (Figures 16-20; Column 18, lines 44-67; Column 21, lines 19) and

providing a program information web page for the selected television program listing over the Internet in response to the user selecting the television program listing or the guide may include other information about programs that may be provided on a website (Column 18, lines 44-67).

Schein, however, fails to specifically teach receiving an e-mail address provided by the user via a registration web page generated by the web server and receiving

television program listings and television program information provided by a computer system.

In analogous art, Venkatraman teaches receiving an e-mail address provided by a user via a registration web page generated by a web server to customize the information provided to the user (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45) and providing to the user associated with the email address an opportunity to receive a customized web page of television program listings over the Internet (Column 10, lines 40-50).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schein to include receiving an e-mail address provided by a user of the program information web page via a registration web page generated by a web server (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45) as taught by Venkatraman, in order to receive messages specifying predetermined events associated with the user device (Column 3, lines 54-64; Column 4, lines 52-61) as disclosed by Venkatraman so that a user can be notified of any programming or services that they requested.

In analogous art, Rowe discloses receiving television program listings and television program information provided by a computer system (Figure 1, 22, Column 6, lines 1-10). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination to include receiving television program listings and television program information provided by a computer system (Figure 1, 22, Column 6, lines 1-10) as taught by Rowe, in order to update or

revise program information stored on the memory device (Column 6, lines 1-3) as disclosed by Rowe so that a user can receive all current EPG listings.

Furthermore, in *KSR*, the Court found that if all the claimed elements are known in the prior art then one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yield predictable results to one of ordinary skill in the art at the time of the invention. No. 04-1350, slip. op. at 12.

7. Claim 110 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schein (previously cited) in view of Venkatraman (previously cited), as applied to claims 84, 109, 134 and 159 above, and further in view of Levine (US 5,988,078).

Regarding Claim 110, Schein and Venkatraman discloses all the limitations of Claim 109. Schein discloses that a user can select a region from which the television guide is applicable by selecting an appropriate state, city or other region (Column 19, lines 1-18). Schein, Venkatraman and Rowe are silent on selecting a locality for the local television listings include accepting a zip code from which the locality is determined.

In analogous art, Levine teaches selecting a locality for the local television listings includes accepting a zip code from which the locality is determined (Column 3, lines 45-54).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination with selecting a locality for the

local television listings includes accepting a zip code from which the locality is determined (Column 3, lines 45-54, as taught by Levine in order to provide more accurate TV listing when the system being utilized over the wide area, which would allow uses to filter just local channels available in the area rather than having to go through the whole list (Column 3, lines 45-54) as disclosed by Levine.

8. Claim 111 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schein in view of Venkatraman and Rowe as applied to claim 109 above, and further in view of Blonstein et al (US 5,955,988 and hereafter referred to as "Blonstein").

Regarding Claim 111, Schein, Venkatraman and Rowe disclose all the limitations of Claim 109. Schein discloses wherein selecting a locality for the local television listings includes selecting a local region user can select a region from which the television guide is applicable (Column 19, lines 1-18). Schein, Venkatraman and Rowe are silent on a map.

Blonstein discloses selecting a locality include selecting a local region from a map user can select a region (Figure 8). Therefore, it would have been obvious to one of ordinary skill in the art to modify the combination to include a locality include selecting a local region from a map user can select a region (Figure 8) as taught by Blonstein in order to allow a user to have a graphical input means to select a location without manual entry of location data (Column 2, lines 36-41) as disclosed by Blonstein.

9. Claim 112 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schein in view of Venkatraman and Rowe as applied to claim 109 above and further in view of Shane (US 5,793,972).

Regarding Claim 112, Schein, Venkatraman and Rowe discloses all the limitations of Claim 109. Schein discloses entering locality information in order to receive a local list of programs (Column 19, lines 1-18), however, fail to explicitly teach providing a pick again web page.

In analogous art, Shane teaches displaying a web page to a user when the information entered could not be found stating the user should try again (Column 7, lines 19-30).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination with the ability to provide a pick again web page when the information can not be found, as taught by Shane, in order to provide the user with more opportunities enter the information (Shane: Column 7, lines 19-30).

10. Claim 181 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schein in view of Venkatraman.

Regarding Claim 181, Schein discloses a method for providing customized television program guide services to a registered user in the form of multiple web pages, the method comprising:

associating an email address with the user (Column 23, lines 19-23). It is necessarily included that the web server/provider acquires an email address of the user as user has email inbox and can send and receive emails (Column 23, lines 19-23) and the web server can send emails to the user regarding services (Figure 19C).

Schein discloses wherein the web server is configured to retrieve from storage a local area of interest associated with the identifier or retrieving from the web server storage or database (Figure 14, 350, Column 18, lines 20-27) the local channel line up (Column 18, lines 52-54) associated with the identifier or the user associated with the email address (Column 23, lines 19-23) and

providing a customized channel line-up of selectable television program listings over the Internet (Column 18, lines 51-62, Column 16, lines 42-55, Figures 16-20);

wherein the customized channel line-up is customized to reflect the user's local area of interest (Column 19, lines 1-20).

Schein is silent on receiving a user identifier via a web page.

In analogous art, Venkatraman teaches the web server receiving a user identifier via a web page or receiving an e-mail address provided by a user via a registration web page generated by a web server to customize the information provided to the user (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45) and providing to the user associated with the email address an opportunity to receive a customized web page of television program listings over the Internet (Column 3, lines 54-64, Column 10, lines 40-50).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schein to include the web server receiving a user identifier via a web page or receiving an e-mail address provided by a user via a registration web page generated by a web server to customize the information provided to the user (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45) as taught by Venkatraman, in order to receive messages specifying predetermined events associated with the user device (Column 3, lines 54-64; Column 4, lines 52-61) as disclosed by Venkatraman so that a user can be notified of any programming or services that they requested.

Furthermore, in *KSR*, the Court found that if all the claimed elements are known in the prior art then one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yield predictable results to one of ordinary skill in the art at the time of the invention. No. 04-1350, slip. op. at 12.

11. Claim 182 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schein in view of Rowe and Venkatraman.

Regarding Claim 182, Schein discloses a system for providing customized television program guide services to a subscribed user in the form of multiple web pages (Column 18, lines 44-67), the system comprising:

a web server with television program listings including channel line up (Column 18, lines 44-67).

The server or provider associating an email address with the user (Column 23, lines 19-23). It is necessarily included that the web server/provider acquires an email address of the user as user has email inbox and can send and receive emails (Column 23, lines 19-23) and the web server can send emails to the user regarding services (Figure 19C).

Schein discloses wherein the web server is configured to retrieve from storage a local area of interest associated with the identifier or retrieving from the web server storage or database (Figure 14, 350, Column 18, lines 20-27) the local channel line up (Column 18, lines 52-54) associated with the identifier or the user who has the email address (Column 23, lines 19-23) and

wherein the web server is configured to provide a customized channel line-up of selectable television program listings over the Internet (Column 18, lines 51-62, Column 16, lines 42-55, Figures 16-20);

wherein the customized channel line-up is customized to reflect the user's local area of interest (Column 19, lines 1-20).

Schein is silent on a data server for managing television program information including channel lineups; the web server configured to generate a web page for receiving an identifier associated with the user, the web server is configured to receive television program information from the data server.

In analogous art, Rowe discloses a data server or television listings provider server for managing television program information (Figure 1, 22, 24, Column 6, lines 1-10) including channel lineups (Figure 2) and

the server is configured to receive television program information from the data server (Figure 1, server, 22, 24).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination to include a data server or television listings provider server for managing television program information (Figure 1, 22, 24, Column 6, lines 1-10) including channel lineups (Figure 2) and the server is configured to receive television program information from the data server (Figure 1, server, 22, 24) as taught by Rowe, in order to update or revise program information stored on the memory device (Column 6, lines 1-3) as disclosed by Rowe so that a user can receive all current EPG listings.

In analogous art, Venkatraman teaches the web server configured to generate a web page for receiving an identifier associated with the user or receiving an e-mail address provided by a user via a registration web page generated by a web server to customize the information provided to the user (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines 40-45) and providing to the user associated with the email address an opportunity to receive a customized web page of television program listings over the Internet (Column 3, lines 54-64, Column 10, lines 40-50).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schein to include the web server configured to generate a web page for receiving an identifier associated with the user (Figure 6; Column 3, lines 54-64; Column 4, lines 18-25, Column 8, lines 34-42, Column 10, lines

40-45) as taught by Venkatraman, in order to receive messages specifying predetermined events associated with the user device (Column 3, lines 54-64; Column 4, lines 52-61) as disclosed by Venkatraman so that a user can be notified of any programming or services that they requested.

Furthermore, in *KSR*, the Court found that if all the claimed elements are known in the prior art then one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yield predictable results to one of ordinary skill in the art at the time of the invention. No. 04-1350, slip. op. at 12.

Conclusion

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to FARZANA E. HOSSAIN whose telephone number is (571)272-5943. The examiner can normally be reached on Monday 7:30 am to 2:30 pm, Tuesday, Thursday and Friday 7:30 am to 4:30 pm and Wednesday 7:30 am to 12:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Kelley can be reached on 571-272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Farzana Hossain/
Examiner, Art Unit 2424

April 2, 2009